

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION V

DATE: March 17, 1995

SUBJ: Standard Scrap Metal/Chicago International Exporting Site Pollution Report

FROM: Steve Faryan, U.S. EPA Region V OSC

TO: D. Dietrich, U.S. EPA, OSWER R. Karl, Branch Chief, EERB  
J. Cisneros, Section Chief, ESS, D. Bruce, Chief RS-2  
K. Lindland, ORC, D. Kimbrough, OPA, T. Krause/Mark Weber, IEPA  
D. Inman, Dept. of the Environment, D. Henne, U.S. Dept. of Interior

POLREP NO: POLREP 15

EPA Region 5 Records Ctr.



231935

**II BACKGROUND**

Refer to POLREP # 1

**III SITE INFORMATION**

Refer to POLREP # 1

**IV RESPONSE INFORMATION**

**A. Situation**

**1. Current Situation**

See POLREP #1

**2. Removal Activities (March 13, 1995 thru March 17, 1995)**

- \* ERCS continued to excavate PCB, lead and cadmium contaminated soil from main yard and load into rail cars.
- \* On 3/13/95, ERCS received only one rail car due to the rail car shipment of scrap for CIE which was immediately returned to the railyard of Conrail
- \* Two RR cars temporarily derailed, one on 3/15 and the other on 3/16.
- \* On 3/16, ERCS had to remove several yards of rail due to the damage caused by the derailment. ERCS subcontracted a track service company to repair the tracks on 3/17/95. ERCS assisted in repairing and removing debris along the rail track.
- \* Crew continue to clear debris from the main yard to facilitate decontamination efforts.
- \* ERCS completed the excavation of F-13 and E-13 in the main yard and H-8 and F-8 near the entrance of the west yard. Confirmation samples were collected.
- \* On 3/13/95, two samples were collected from 1 foot and 2 feet depths at 4 sample locations along the outside of the CIE building on Wells Street and 1 sample location on the west side of Wells Street.
- \* On 3/14/95, 5 samples were collected from the Cu hoppers, baghouse, post-shredded and pre-shredded material near the shredder.
- \* On 3/15/95, 5 composite samples were collected from the Cu fine pile, shredded material, dirt pile at C-19, and C-19 Cu/metal fine pile.
- \* Chicago International Export (CIE) continued shredder operations throughout the week. An observation log was kept by personnel on site to monitor the shredder operation.
- \* High volume polyurathane foam (HVPUF) sampling for PCBs in air was initiated on 1/17/95 in Main Yard. Air samples were collected on 3/13 and 3/14 and 6 air samples were sent to PACE Lab for PCBs analysis.

### 3. Enforcement

The Noranda Copper Smelting facility would not accept the Cu fine material that is contaminated with PCBs. Noranda and the Ministry for Environment Canada will not accept any material greater than 50 ppm PCBs. Analytical results indicated that PCB levels of the Cu fine were 550 ppm.

### B. Planned Removal Activity

Refer to POLREP 1 through 10

### C Next Steps

- \* Complete back filling operations of West Yard
- \* Continue transportation and disposal of excavated soils
- \* Continue High Volume Air Sampling for lead and total suspended particulates when visible emissions are detected.
- \* Collect samples from the shredded material, baghouse, and pre-shredded material.
- \* Complete excavation and confirmation soil sampling in Main Yard (Area A)
- \* Clear debris, motors, copper fines and debris from Area B & C.
- \* Dispose of excavated material as Special Waste and TSCA Waste

### D Key Issues

- \* Monitor compliance with the Unilateral Administrative Order to Chicago International Exporting to cease releases PCBs from the shredding and gravity separator operations.

#### COST INFORMATION (as of 03/09/95)

	COST	CEILING
ERCS	\$ 2,175,288	\$ 3,000,000
TAT	\$ 91,970	\$ 150,000
U.S. EPA	\$ 75,990	\$ 100,000

## VI DISPOSITION OF WASTES

- \* Six rail car loads of PCB contaminated soil weighing approximately 540 tons were shipped between 3/13/95 and 3/17/95 to the EnviroSAFE facility in Grandview, ID. A total of 96 rail cars have been shipped off-site for an estimated total of 8,640 tons
- \* Five tanker loads approximating 20,600 gallons of UST contents and water collected from the UST excavated area have been shipped to Safety Clean (Breslube) as of 1/20/95 for disposal.